

Thomas J Gardner

From: George Velez <velev@fnal.gov>
Sent: Wednesday, November 30, 2011 1:43 PM
To: Paul Czarapata; David Harding; Oliver Kiemschies; TJ Gardner; John Zweibohmer; Jamie Blowers
Cc: Steve Werkema; Cons Gattuso; Ioanis Kourbanis; Bill Pellico; Keith Gollwitzer; Paul Derwent; Ron Moore; Craig D. Moore; Erene Noyola; Mike Lamm; hsj
Subject: AD/TD Projects Meeting, Dec 2nd at 1:30 pm, Industrial Central Building (ICB) HQ conference room

Dear all -

We are going to have AD/TD Projects Meeting, Dec 2nd at 1:30 pm. The meeting is going to be held in the ICB headquarter conference room. Below, you can find the tentative agenda for the meeting.

George

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AD/TD Projects Meeting
Friday , Dec 2nd , 2011 1:30 PM
ICB headquarter conference room.
Archives for previous meetings can be found at:
<http://tdserver1.fnal.gov/AcceleratorSupport/TD-BD Meetings/>

Linac:

[372](#) - Collecting info and looking at the design of the drift tubes quadrupoles. We have 6 dimensionally different quads, some of them without spares. Waiting for the drawings from BNL, we cut one quad for reverse engineering - this was closed,
Linac found enough spares

[479](#)- RFQ source, PIP project
Solenoids are done and installed, one spare is in IB2 for the final measurements.
ME quads: parts for 6 quads including the H&V dipole correctors are done and measured. Now we are assembling and aligning them in doublets.
LE dipole correctors are received from Milhouse and measured accepted - one more spare is just ordered.
2 Einzel lens are done.
We are practically ready with the RFQ magnets.

Booster:

[372](#) - Vacuum repairs of Booster spare gradient magnets - magnet 49 (focusing) is done, we are working on magnet 48 (defocusing). 48 skin is fixed. We are attaching flanges and bellows.

[462](#) - Booster kickers: ceramic tubes - FINALLY done

[372](#) - build 7 short kickers for the Booster, needed for FY12 shutdown, first prototype was successful will work as 8th magnet.

[372](#) - MV2 dipole spare are done, provided to Booster.

[491](#) - Provide assistance in estimating the cost of producing new Booster RF Tuners and

fixing the old ones, collecting information. We have the first cost estimation per tuner. We can start to discuss the cost and see where to go from here ...

MI:

[373](#) - Two MI C-magnet (ILC) spares were modified, increasing the aperture - they will be installed in FY12: done.

[373](#) - Main Injector maintenance and repair
Building 5-10 new MQT corrector quadrupoles for MI.

[504](#)-We rework IQG333 into an IQF to replace a leaking magnet in the Main Injector: done

[503](#)-Modify 5 IDH to IDHW, increasing by an inch the aperture - waiting for laminations.

[507](#)-Design, procure and assemble (6) permanent magnets for use with three Ionization Profile Monitors - needed for FY12 shutdown.
The magnet design process has been started. We hope to have a final design at the end of December and start to order parts.

[373](#) - Main Injector maintenance and repair
A IQG magnet is under modification to IQB -low priority; no progress.

[374](#) - P-bar - no current active jobs for P-bar - decommissioning tasks? tooling, other parts ...

[376](#) - TeV - no current active jobs for TeV - decommissioning, magnets, parts tooling ...

External beam lines:

[433](#) - No current active jobs for the external beamline maintenance and repair.

Next meeting? After New Year, Friday Feb 3rd?

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